

With the Compliments of the
Medical Officer of Health

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BOROUGH OF GOOLE



ANNUAL REPORT

of the

Medical Officer of Health

and the

Senior Public Health Inspector

1963



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Public Health Officers

* * *

MEDICAL OFFICER OF HEALTH,
DEPUTY PORT MEDICAL OFFICER TO THE
HULL AND GOOLE PORT HEALTH AUTHORITY
S. KENNAUGH APPLETON, S.B.St.J., M.D., D.P.H., D.T.M.
Divisional Health Department,
6/7 Belgravia, Goole. Tel. Goole 936 and 123

DEPUTY MEDICAL OFFICER OF HEALTH
MURIEL J. LOWE, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H., D.C.H.

SENIOR PUBLIC HEALTH INSPECTOR R. O. BLACK.
Certificate of the Royal Sanitary Institute and Sanitary
Inspectors' Examination Joint Board as Sanitary Inspector.
Certificate of the Royal Sanitary Institute as Inspector of
Meat and Other Foods.
Certificate of the Royal Sanitary Institute as Smoke Inspector.

DEPUTY SENIOR PUBLIC HEALTH INSPECTOR
D. H. HIBBERT.
Certificate of the Royal Sanitary Institute and Sanitary
Inspectors' Examination Joint Board as Sanitary Inspector.
Certificate of the Royal Sanitary Institute as Inspector of Meat
and Other Foods.

CLERK ... Mrs. M. P. SCOTT.
Public Health Inspector's Office,
Municipal Offices,
Stanhope Street, Goole.
Tel. Goole 221/2

Public Health Department,
Municipal Offices,
Stanhope Street,
Goole.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF GOOLE.

Ladies and Gentlemen,

I have the honour to present to you my Seventeenth Annual Report on the health of the Borough of Goole and the work of the Public Health Department during 1963. The first Annual Report for the township was published for the year 1875, which makes this one the 89th in the series.

These Reports have been presented by your Medical Officers of Health as follows:—

1875—1878	H. Franklin Parsons, M.D.
1879—1901	J. Mitchell Wilson, M.D., S.Sc. Cert.
1902—1946	Alexander M. Erskine, M.D., D.P.H.
1947—1963	S. Kennaugh Appleton, M.D., D.P.H., D.T.M.

VITAL STATISTICS :

347 live births were registered; 17 less than in 1962. This gives a Birth Rate of 18.4 per 1,000 population and, by the application of the Comparability Factor, an Adjusted Birth Rate of 18.4. It compares favourably with the County figure of 17.9. The National figure is 18.2. There were 10 still-births notified and 26 of all births were illegitimate.

243 deaths were registered giving a Crude Death Rate of 12.9 per 1,000 population and an Adjusted Rate of 13.4.

Births exceeded deaths by 104.

12 deaths occurred under the age of one year; 9 occurred in the first 3 months of life and 7 of them in the first week. The Infant Mortality Rate was 34.6. The County Rate was 22.8 and the National Rate was 20.9.

There were no deaths from maternal causes.

INFECTIOUS DISEASE :

Of the 204 cases of infectious disease notified 172 were measles which occurred mostly in January, being the end of the 1962 epidemic.

One case of mild food poisoning occurred.

The number of children protected by immunisation against the preventable infectious diseases is falling. The absence of diphtheria and the mildness of whooping cough is luring parents into a false sense of security.

Only 59% of children under the age of 15 years immunised against diphtheria is not good enough to regard Goole as adequately protected. Diphtheria has reappeared in the West Riding; it could appear suddenly in Goole. When it does I shall find small satisfaction in saying, "I told you so" !

PERINATAL MORTALITY RATE :

This Rate based on the number of still-births and the number of deaths during the first week of life per 1,000 total births has come to be regarded in recent years as a more accurate index of the wastage of infant life. The rate in Goole is not as low as it should be and for 1963 was 47.6 compared with a County aggregate rate of 31.1. In a total of 357 births there were 10 still-births and 6 deaths in the first week of life. Whilst this figure may not appear alarming to the layman the fact remains that of the 89 Local Authorities in the County 81 had lower and, therefore, better rates than Goole. It is known that the perinatal rates are higher in the north than in the south of the country but why there should be so wide a variation in the same County, with Goole which is neither heavily industrialised nor poverty stricken in so lowly a position, is not clear.

A preliminary study does not reveal any identifiable reason and much more investigation will be necessary on a wide front before the preventable causes of still-births, prematurity and congenital malformations are discovered.

Certain questions difficult or impossible to answer at present occur to me.

- (1) Are expectant mothers continuing full-time employment too far into pregnancy ?
- (2) Are the harassed mothers with several small children reaching labour in an exhausted state ?
- (3) Are expectant mothers skimping on their diets to keep up weekly payments on the so-called essential luxuries of modern society ?
- (4) Are expectant mothers receiving all the ante-natal care they should have and could have? All expectant mothers can have ante-natal care and advice at the County Health Clinic as well as from their general practitioners, but many expectant mothers fail to make use of the Clinic services, available in pleasant and comfortable surroundings with time to talk to the medical officer, midwives, health visitors and each other and, for those going into the Maternity Home, with the Matron.
- (5) Ought more expectant mothers to attend the weekly Relaxation Classes at the Clinic ? The purpose of relaxation training is to shorten the duration of the expulsive phase of labour with resultant benefit to mother and baby.
- (6) Are some expectant mothers taking drugs unofficially ? Since the thalidamide incident it is unlikely that doctors would prescribe anything potentially harmful but self-medication is a craze of the times. Taking a very long shot, do some expectant mothers take drugs in an attempt to terminate an unwanted pregnancy which may fail to produce abortion but have a toxic effect on the foetus ?

Whatever the ultimate solution to still-birth and early neonatal death it is the bounden duty of all associated with pregnancy, delivery and early infant care to be on the alert for the slightest significant departure from normal which could lead to disaster.

The world may become overpopulated, but conceiving and producing dead or dying babies is not the solution to that problem.

CANCER :

It is always pleasant to record any marked improvement in death rates although the figures for any one year may not be significant in themselves. The number of deaths from cancer of all types was the lowest since 1947, 21 males and 10 females. What I do regard as significant is that 9 of the male deaths (43%) were due to cancer of the lung and bronchus and that is the same as for the last three years. Nor can the cigarette smokers of Goole derive any comfort from the fact that over the last ten years 81 men and 15 women have fallen victims to the "gasping death".

One out of every eight heavy cigarette smokers in Goole will end up this way and some of the others will die at a comparative early age from bronchitis and heart disease. I do not for a moment expect the men to do anything about it but the potential widows of Goole have plenty to worry about !

There are three messages I should like to get over to the public at risk :

- (a) To the eligible spinsters of the town I would say, "Don't marry a heavy cigarette smoker — he's a bad risk !
- (b) To all parents I would say, "You may be unable or too late to help yourselves but please make every effort to discourage your children from smoking.
- (c) To all women I would say, "You are lagging behind the men in killing yourselves with cigarettes but you are beginning to catch up ! In any case smoking is incompatible with feminine charm and few of you can afford to diminish your charm by sticking a cigarette in your mouth !

Because I have emphasised one or two weaknesses in the difficult work of preventive medicine in the Borough it must not be assumed that Goole is an unhealthy town. On the contrary the general health is good and further improvement may be expected when the public realise that they themselves have an important contribution to make by intelligent co-operation with those appointed to help them.

Finally I am happy to record my appreciation of the continued support and interest of the Chairman and Members of the Public Health Committee and for the efficiency and co-operation of the staffs of the Borough Public Health Department, the County Divisional Health Office and the Rawcliffe Training Centre, of the Medical, Nursing and Mental Health Officers and the Voluntary Workers in Clinics.

I remain,

Your obedient servant,

S. KENNAUGH APPLETON,

June, 1964.

Medical Officer of Health.

NATURAL AND SOCIAL CONDITIONS

* * * *

Goole is the most inland and one of the busiest and important of the East Coast Ports, being situated on the navigable and tidal portion of the Yorkshire Ouse about fifty miles from the sea. It is located in the flat alluvial plain of the vale of York, at the extreme eastern portion of the West Riding of Yorkshire.

It lies at a lower level than the waters of the ordinary tides which are prevented from overflowing by artificially raised banks. The general level of the town is eight to twelve feet above sea level.

The sub-soil consists of alluvial deposit or warp, which is naturally damp. Below the warp, at a depth of about six feet, is a layer of peat which varies in thickness from less than one foot to more than six feet in different parts of the town. Immediately below the peat is a layer of laminated clay which is generally covered with a thin bed of sand.

Although Goole Borough has an area of only 1,267 acres it is the market town for a large agricultural district being entirely surrounded by the Goole Rural District with an area of over 38,000 acres. Its next nearest neighbour is the Howden Rural District across the river Ouse in the East Riding of Yorkshire, from whence it also attracts trade.

Together with an extensive coastal trade the port has important commercial dealings with the continental and Baltic ports. The export of coal produced in the South Yorkshire Coalfield and the import and export of general merchandise being the life-blood of the town. The majority of the working population find their livelihood in shipping, shipbuilding and repairing, engineering, milling, malting, fertiliser, fibre-glass and dextrine manufacture, wholesale clothing, agriculture, and their ancillary trades.

The Corporation own the market hall, cattle market, slaughter-house, library, parks and public gardens, public baths, and a pleasure ground for outdoor athletic pursuits. The Corporation owns 2,080 dwellings and has made provision for the building of another two hundred but these plans have not yet come to fruition due to a series of frustrating delays. Every house has an adequate supply of pure water and the town is now entirely on the water carriage system. The state of employment is good and this is reflected in the general well being of the people. With few exceptions all streets both front and back have been properly made up and adopted by the local authority. Goole can be truly described as a clean and well administered small town, with reasonable amenities and pleasant rural surroundings despite the very flat nature of the countryside which is said to resemble the flat parts of the Netherlands.

THE HEALTH OF GOOLE DURING 1963

* * * *

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres 1,267.

Rateable Value £435,880

Product of a Penny Rate £1757. 13s. 10d.

Number of houses inhabited 6,436 (Mid-Yearly) which includes
158 houses and shops.

Population. Registrar-General's Estimates, Mid-Yearly 18,820.

1962	1961	1960	1959	1958	1957	1956	1955
18,860	18,830	19,540	19,500	19,520	19,420	19,340	19,400
1954							
19,410							
1961 Census, 18,875							

BIRTHS 1954—1963

(Comparability Factor 1963 — 1.00)

Adjusted Birth Rate — 18.4

LIVE BIRTHS.

	Legitimate.		Illegitimate.		Totals.		Total. M. & F.	Rate per 1,000
	Male.	Female.	Male.	Female.	Male.	Female.		
1963	178	143	13	13	191	156	347	18.4
1962	168	175	12	9	180	184	364	19.3
1961	164	180	5	10	169	190	359	19.1
1960	167	139	5	8	172	147	319	16.3
1959	144	159	12	3	156	162	318	16.3
1958	164	148	9	7	173	155	328	16.8
1957	169	157	9	2	178	159	337	17.4
1956	154	158	5	8	159	166	325	16.8
1955	140	153	6	9	146	162	308	15.9
1954	142	151	6	4	148	155	303	15.6

STILL BIRTHS.

1963	5	5	0	0	5	5	10	28.0
1962	5	1	0	0	5	1	6	16.2
1961	3	2	0	0	3	2	5	13.7
1960	1	7	0	2	1	9	10	30.4
1959	2	3	0	1	2	4	6	18.5
1958	8	3	0	0	8	3	11	32.4
1957	3	4	0	0	3	4	7	20.3
1956	2	2	0	0	2	2	4	12.2
1955	4	6	0	0	4	6	10	31.4
1954	5	4	1	0	6	4	10	31.9

MARRIAGES 1954—63

Year.	No. of Marriages.	Rate per 1,000.	Year.	No. of Marriages.	Rate per 1,000.
1963	187	19.9	1958	171	17.3
1962	185	19.6	1957	218	22.4
1961	169	18.0	1956	186	19.2
1960	180	18.4	1955	205	21.1
1959	147	15.7	1954	178	18.3

DEATHS 1956—63

(Comparability Factor 1963 — 1.04)

Adjusted Death Rate — 13.4

Year.	M.	F.	Total.	Rate.	Year.	M.	F.	Total.	Rate.
1963	125	118	243	12.9	*(1958	102	114	216	11.1)
1962	156	120	276	14.6	1958	123	127	250	12.8
1961	134	113	247	13.1	*(1957	120	85	205	10.6)
1960	107	107	214	11.0	1957	165	108	273	14.1
*(1959	122	88	210	10.8)	*(1956	129	102	231	11.9)
1959	127	90	217	11.1	1956	163	134	297	15.4

* Locally amended death rate after deduction of the deaths of persons in St. John's Hospital not previously regarded as residents of the Borough.

CAUSES OF DEATH.

			Males.	Females.	Total.
Tuberculosis, respiratory	...	...	1	0	1
Other infective diseases	...	...	0	0	0
Malignant neoplasm, stomach		...	3	0	3
" " , lung, bronchus		...	9	0	9
" " , uterus		...	—	0	0
" " , breast		...	—	4	4
Other malignant neoplasms	...	...	8	6	14
Leukaemia, aleukaemia	...	...	1	0	1
Other heart diseases	...	...	5	7	12
Vascular lesions of nervous system	...	...	15	39	54
Coronary disease, angina	...	...	38	12	50
Hypertension with heart disease	...	...	0	1	1
Other circulatory diseases	...	...	8	14	22
Gastric ulcer	...	...	0	0	0
Pneumonia	...	...	3	11	14
Bronchitis	...	...	9	5	14
Other respiratory diseases	...	...	0	2	2
Gastritis, enteritis	...	...	1	2	3
Hyperplasia of prostate	...	...	1	—	1
Influenza	...	...	0	0	0
Congenital malformations	...	...	1	2	3
Other defined and ill-defined diseases	...	...	15	10	25
Motor vehicle accidents	...	...	4	0	4
All other accidents	...	...	2	2	4
Suicide	...	...	1	0	1
Diabetes	...	...	0	1	1
Total			125	118	243

MATERNAL MORTALITY 1954—63

Year	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954
Deaths	0	0	0	2	1	0	0	0	0	0
Rate per 1,000 Total Births	0	0	0	6.08	3.09	0	0	0	0	0

INFANTILE MORTALITY 1954—63

Year.	M.	F.	Total.	Rate.	Year.	M.	F.	Total.	Rate.
1963	8	4	12	34.6	1958	1	3	4	12.2
1962	7	1	8	22.0	1957	4	4	8	23.7
1961	9	4	13	36.2	1956	3	2	5	15.4
1960	9	7	16	50.2	1955	7	3	10	32.5
1959	5	5	10	31.4	1954	4	7	11	36.3

INFANTILE MORTALITY.

CAUSE OF DEATH.				Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	Total
Haemorrhagic pneumonia...								1	1			2
Bronchitis	...									1		1
Asphyxia neonatorum	...	1										1
Prematurity	...	4										4
Gastro-enteritis	...							1				1
Birth injury	...	1				1						2
Sinus thrombosis	...								1			1
Total	...	...	...	6		1		2	2	1		12

TUBERCULOSIS.

New Cases and Mortality during 1963

Age Groups	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1	0	0	0	0	0	0	0	0
1-4	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0
15-24	0	2	0	0	0	0	0	0
25-34	0	0	0	0	0	0	0	0
35-44	0	0	0	0	0	0	0	0
45-54	0	0	0	0	0	0	0	0
55-64	0	0	0	0	0	0	0	0
65- +	0	1	0	0	1	0	0	0
Totals	0	3	0	0	1	0	0	0

Comparative Figures.

Year.	New Cases.	Deaths.	Rate.	Year.	New Cases.	Deaths.	Rate.
1963	3	1	0.05	1955	15	5	0.26
1962	2	1	0.05	1954	15	2	0.10
1961	6	0	0	1953	20	4	0.21
1960	6	0	0	1952	13	4	0.21
1959	14	2	0.10	1951	28	6	0.31
1958	5	5	0.25	1941	21	12	0.65
1957	7	0	0	1931	79	31	1.62
1956	6	2	0.10	1921	37	27	1.39
				1911	—	26	1.28
				1901	—	28	1.69

TOTAL CASES ON REGISTER.

	Male.	Female.	Total.
Pulmonary	60	38	98
Non-Pulmonary.	5	8	13
	65	46	111

NATIONAL ASSISTANCE ACTS, 1948 and 1951.

No new cases were dealt with under these Acts but the renewal of a detention order made in 1960 was necessary at intervals of three months.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING 1963

		NUMBER OF CASES NOTIFIED ACCORDING TO AGE							
		at all ages	Under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	Over 64
Scarlet Fever	...	6		2	4				1
Respiratory Tuberculosis	...	3				2			
Measles	...	172	15	129	27	1			
Meningococcal Infection	...	1		1					
Acute Primary Pneumonia	...	6		1	1		1	3	
Whooping Cough	...	14	1	10	2		1		
Food Poisoning	...	1					1		
Erysipelas	...	1							1
Total	...	204	16	143	34	3	3	3	2

GOOLE BOROUGH
PRINCIPAL VITAL STATISTICS FOR THE YEAR 1963
Based on Registrar-General's Figures.

	Goole Borough	Aggregate West Riding Urban Districts	West Riding Admin. County	England & Wales (Provisional figures).
BIRTH RATE				
(per 1,000 estimated population)...	18.4	17.9	18.2	18.2
DEATH RATES				
(all per 1,000 estimated population)				
All Causes (Crude D.R.) ...	12.9	12.7	12.0	12.2
Infective and Parasitic Diseases*	0.	0.05	0.04	**
Tuberculosis of Respiratory System	0.05	0.06	0.06	0.06
Other forms of Tuberculosis ...	0.	0.01	0.01	0.01
Respiratory Diseases † (excluding tuberculosis of respiratory system)	1.59	1.72	1.57	**
Cancer	1.65	2.04	1.94	2.18
Heart & Circulatory Diseases ‡ ...	4.52	4.80	4.53	**
Vascular Lesions of Nervous System	2.87	2.02	1.85	**
INFANT MORTALITY				
(Deaths under one year per 1,000 live births)	34.6	22.8	23.0	20.9
STILLBIRTHS	28.0	19.2	18.7	17.3
PERINATAL MORTALITY	47.6	31.6	31.1	**
MATERNAL MORTALITY				
(Deaths of mothers in childbirth per 1,000 live and still births)	0.	0.05	0.45	0.28

* Combined death rate from syphilitic disease, diphtheria, whooping cough, meningococcal infections, acute poliomyelitis, measles and other infective and parasitic diseases.

† Combined death rate from bronchitis, pneumonia, influenza and other respiratory diseases, excluding tuberculosis of the respiratory system.

‡ Combined death rate from heart disease and other diseases of the circulatory system.

** Figures not available.

WEST RIDING COUNTY DIVISIONAL HEALTH SERVICES IN GOOLE 1963

The Public Health Nursing Staff in this Division no longer works according to County Districts boundaries. Most of the figures in the following summaries refer to Goole Borough but it should be noted in certain cases that the figures are those for the Borough and Rural District combined, or for Division No. 10 as a whole.

1. BIRTHS.

Live Births	...	...	...	...	347
Still-births	...	...	...	...	10
Illegitimate	...	...	...	...	26
Males	...	...	...	...	191
Females	...	...	...	...	156

2. PREMATURE BABIES. Babies weighing 5½lbs. or less at birth.

				Live.	Still-born.
(i) Born at home	...	...	...	1	1
(ii) Born in hospital	...	...	...	16	5
				<hr/> 17	<hr/> 6

3. HEALTH VISITING (for Division No. 10 as a whole).

		1st Visits.	Other Visits.	Total.
Expectant mothers	...	338	177	515
Children under 1 year	...	800	2878	3678
„ between 1 and 5 years	—	—	5861	5861
Other cases	...	—	2166	2166
Ineffective visits	...	938	1271	2209
Total	...	<hr/> 2,076	<hr/> 12,353	<hr/> 14,429

4. CHILD WELFARE CLINICS.

(a) Total number of children under 5 years of age who first attended the Clinics during the year:—

(i) Born 1963	...	...	...	...	353
(ii) Born 1962—58	...	...	...	...	430

These attendance figures include 66 children from the Goole Rural District, and 6 from the East Riding who made 389 visits.

Number of Sessions held:—

Bartholomew Avenue	...	...	...	50
Total attendance	...	...	...	3130
Average per session	...	...	...	62
Old Goole	...	...	...	51
Total attendance	...	...	...	862
Average per session	...	...	...	16

Total attendance in 1963 3965

5. SCHOOL HEALTH SERVICE.

PHYSIOTHERAPY SESSIONS :—

Number of cases for ultra-violet light	...	...	none
Total number of attendances	...	...	none

PAEDIATRIC.

Number of individual patients seen :—

Pre-School	...	...	32
School	...	...	43

Total number of attendances :—

Pre-School	...	...	50
School	...	...	59

SPEECH THERAPY.

Number of new cases	...	...	...	none
Total cases (waiting)	...	...	...	22

COUNTY OCULIST.

Number of cases seen	...	...	...	402
Number for whom spectacles prescribed	...	...	...	155

SCHOOL CLINICS AND MEDICAL INSPECTIONS.

Number of attendances at Clinic	...	...	1382
Number of children inspected in school by doctors	...	...	1136
Number of examinations by nurses	...	...	7964

The following defects were found at Medical Inspections:		Requiring treatment.	For observation.
Skin	...	17	23
Verminous heads	...	118	0
Vision	...	41	89
Other eye conditions	...	0	1
Hearing	...	2	9
Other ear defects	...	32	0
Nose and throat	...	4	11
Speech	...	3	36
Cervical glands	...	1	4
Heart and circulation	...	1	3
Lungs	...	6	9
Developmental	...	3	9
Orthopaedic	...	28	26
Nervous system	...	6	3
Psychological	...	8	7
Other conditions	...	0	7

EDUCATIONALLY SUBNORMAL CHILDREN.

Primary testing	...	...	...	17
Re-examinations	...	...	...	14
Pre-school age (informal)	...	...	...	0
Reported to M.D. Authority as ineducable	...	...	...	2
Reported to M.D.A. for care and guidance	...	...	...	1
Recommended for special residential school	...	...	...	8
Attending special residential schools	...	...	...	10

SCHOOL DENTAL SERVICE (Division No. 10 as a whole)

Number inspected	...	...	...	...	5498
Requiring treatment	...	...	...	...	3879
Offered treatment	...	...	...	...	2157
Treated	...	...	...	...	1446

6. MIDWIFERY.

ANTE-NATAL CLINIC.

The Divisional Office is still operating the Bed Booking Bureau for the Goole Maternity Home and therefore, mothers from the East Riding also attend the Goole Clinic. The table below gives the number of attendances and the number of expectant mothers attending the Clinic, whether institutional or domiciliary bookings.

Area.			Total Visits.	Number of Women Attending.
Goole B.	...	...	513	95
Goole R.	...	...	65	14
East Riding	...	...	112	32
Other W.R.C.C.	...	...	0	0
Total	...	...	690	141
Average per session	...	...	13.8	

A Mothercraft and Relaxation Exercise Class for expectant mothers is held weekly in Goole Clinic and 516 attendances were made.

MOTHERS CONFINED IN HOSPITAL.

Goole Maternity Home	...	...	...	104
Leeds Maternity Hospitals	...	...	...	0
Wakefield Maternity Hospitals	...	...	...	84
Other	...	...	...	2
		Total	...	190

The figure given for Goole Maternity Home does not include mothers who normally do not reside in Goole.

There were 169 domiciliary confinements in Goole.

The following is a summary of the work of the Midwives but due to overlapping of Midwives' districts and District boundaries the figures are for the Division as a whole.

Number of Midwives	...	...	...	9
Number of cases	...	...	...	356
Number of visits	...	...	...	12,029
Number of cases where Gas and Air administered	...	...	...	3
Number of cases where Trilene administered	...	...	...	267

7. HOME NURSING (for Division No. 10 as a whole).

Number of Home Nurses	...	...	...	6
Number of cases completed during the year	...	...	...	305
Number of visits made during the year	...	...	...	13,108

8. HOME HELPS.

Home Helps attended the following cases in Goole.

Maternity	...	...	...	...	7
Chronic Sick (over 65)	...	...	...	...	369
Chronic Sick (under 65)	...	...	...	...	41
Others	...	...	...	...	1
Total					418

A total of 78,846 hours was worked by the home helps in the Division.

9. VOLUNTARY WORKERS.

Valuable assistance has again been given in a voluntary capacity at the Bartholomew Clinic by Mrs. A. E. Smith and her Committee, and members of the W.V.S. and Miss E. M. Wormald.

Their services are greatly appreciated.

10. MASS RADIOGRAPHY SURVEY.

The Unit visited Goole during 1963.

2310 examinations were made, 25 abnormalities were found.

11. MENTAL HEALTH.

Mental Health Act, 1959.

The number of persons under care and guidance at the end of 1963 was as follows:—

				Male.	Female.	Total.
Psychopathic	...	...	...	1	—	1
Mentally ill	...	...	...	7	10	17
Subnormal	...	...	...	25	24	49
Severely Subnormal	...	...	...	2	2	4

Admissions to Mental Hospitals by the Mental Welfare Officers during 1963 were as follows:—

				Male.	Female.	Total.
Emergency admissions	...	...	...	5	4	9
Admissions for Observations	...	...	...	—	2	2
Admissions for Treatment	...	...	...	—	—	—
Informal Admissions	...	...	...	10	14	24

12. IMMUNISATION AGAINST DIPHTHERIA—during 1963.

Number of completed injections:—

Children under 5 years	...	...	289
Children over 5 years	...	...	84
	Total	...	373
Booster doses	...	...	324
	Total	...	697

Total number of children under 15 years of age who have been immunised up to 31st December, 1963:—

Age—years	0-1	1-4	5-9	10-14	under 15 Total
Number	185	968	803	752	2708
Percentage	76%		51%		59%

13. IMMUNISATION AGAINST WHOOPING COUGH.

Age	under 6 months	6-12 mths.	1-2 yrs.	2-3 yrs.	3-4 yrs.	Total
Number (1963)	74	111	84	13	4	296
Number any time up to 31st Dec. 1963	—	185	918			1103

14. B.C.G. VACCINATION OF SCHOOL CHILDREN.

(13 years of age).

Number of acceptances in 1963 ... 274

Pre-vaccination Tuberculin Tests :

Positive (not requiring vaccination)	...	13 (4.7%)
Negative (requiring vaccination)	...	261 (95.3%)
Number vaccinated with B.C.G. in 1963	...	260
Number re-tested after 12 months	...	65

15. VACCINATION AGAINST POLIOMYELITIS.

Total registered	...	9141
Vaccinations completed	...	9098

PUBLIC HEALTH DIVISION No. 10.

The County Districts forming Division No. 10, are:—

Goole Borough (1,267 acres)	Selby Urban (3,883 acres)
Goole Rural (38,238 acres)	Selby Rural (33,304 acres)
Area of the Division	... 76,692 acres.
Population (estimated mid-1963)	... 45,140
(Census 1961)	... 44,533

Divisional Health Office and Staff:

6/7 Belgravia, Goole. (Telephone: Goole 936 and 123)

Divisional Medical Officer and
Divisional School Medical Officer.

S. KENNAUGH APPLETON, S.B.St.J., M.D., Ch.B., D.P.H., D.T.M.

Senior Assistant County Medical Officer and School Medical Officer:

MURIEL J. LOWE, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H., D.C.H.

Assistant County Medical Officer
and School Medical Officer:

EILEEN M. R. BELL-SYER, M.B., B.S.

School Dental Officers

P. F. A. ELTOME, L.D.S. (Goole)

M. R. HOLLINGS, B.Sc.D., F.D.S.R.C.S. (Selby)

Divisional Nursing Officer:

Mrs. C. C. HOWELS

Health Visitors and School Nurses:

Mrs. B. BEAL; Miss D. M. BUTLER; Mrs. M. DODSON;
Mrs. M. HARGREAVES; Mrs. M. KELLY; Miss A. RIDSDALE;
Miss D. M. ROBINSON; Mrs. M. E. WILLIAMS (assistant);
Mrs. A. SUTHERLAND (part-time).

Home Nurses:

Mrs. H. B. BEAUMONT; Mrs. S. CLAYBOURN; Mrs. M. LUND;
Mrs. W. E. DUFFIN; Mrs. L. A. POLLARD; Mrs. J. SAWDON.

Domiciliary Midwives:

Miss I. CAMPBELL; Miss E. CLAYTON; Miss H. ELLIS;
Mrs. M. E. HORNSHAW; Mrs. A. G. HORSFIELD;
Mrs. M. M. HUGHES; Miss E. D. LAKING.

Mental Health Officers:

Mr. T. G. FOSTER; Miss M. J. HURLEY.

Rawcliffe Training Centre:

Supervisor: Miss C. S. LOGAN

Staff: Mrs. A. ALVEY; Mrs. F. GOODALL; Mrs. C. M. LAZENBY;
Miss D. STOCKTON; Mr. R. C. HUNT.

Welfare Officer:

Mr. N. SUTOLIEFE.

Blind Welfare:

Mrs. J. KILNER (Goole 937)

Clerical:

Senior Clerk: Mr. R. TOWELL.

Miss S. L. BRAMHAM; Mrs. M. E. BRYARS (part-time);
Mrs. B. BUCKLE; Miss F. A. CAMPBELL; Mr. J. LAWTON;
Mr. G. N. NOWILL; Mrs. M. READSHAW (part-time);
Miss J. ROCKETT; Miss J. E. SMAJE.

W.R.C.C. CLINICS IN GOOLE.

(30.6.63)

(a) Bartholomew Avenue Public Health Centre.

MONDAY 10—12 : MINOR AILMENTS.

SUNLIGHT.

2—4 : MOTHERCRAFT CLASS.

TUESDAY 10—12 : PAEDIATRIC CLINIC Dr. R. J. Pugh.
(2nd & 4th)

2—4 : CHILD WELFARE. ... Dr. M. J. Lowe.

WEDNESDAY 10—12 : MINOR AILMENTS.

10—12: SPEECH THERAPY } temporarily
2—4: SPEECH THERAPY } suspended.

THURSDAY 10—12 SUNLIGHT.

FRIDAY 10—12 : SCHOOL CLINIC. ... Dr. M. J. Lowe.

1-30—4 : MATERNITY CLINIC. ... Dr. M. J. Lowe.

MONDAY to

FRIDAY 9—10 a.m. HEALTH VISITORS available for
consultation in the Health Centre.

Eye-testing Sessions are held on first, third and fourth
Thursday in the month by Dr. L. Wittels.

Dental treatment is provided throughout the week at the
County Dental Clinic in Westfield Avenue.

(b) Old Goole.

THURSDAY 2—4 : CHILD WELFARE. ... Dr. M. J. Lowe.
(St. Mary's Sunday School).

Public Health Department,
Municipal Offices,
Stanhope Street,
Goole.

TO THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE BOROUGH OF GOOLE

Ladies and Gentlemen,

I have the honour to present to you my twenty-eighth annual report, on the work carried out by your Public Health Inspectors during the year 1963.

The staff consists as it has done for several years, of myself, my Deputy Mr. Hibbert and clerk Mrs. Scott. We are still short of an Additional Public Health Inspector and a Housing Assistant. These vacancies in the establishment prove a handicap and prevent us from carrying out all our duties in the way we would wish. One half of my time is spent on matters connected with the Council's housing estates and one-third of Mr. Hibbert's time is spent on meat inspection, to the detriment of other duties. Past attempts to fill these vacant posts have not succeeded but we hope for better results in 1964.

The problems associated with housing, more especially slum clearance and rehousing, have always a high priority. The second phase of the Old Goole Clearance Scheme was started and at the close of the year the first eight houses were completed and occupied. It is hoped that this phase will be completed by May, 1964 enabling all the families from the clearance area, also from Vermuyden Terrace and Duckells Buildings, to be rehoused. Thirteen dwelling-houses in North Street, Back North Street and Back East Parade, owned by the British Transport Commission have been vacated during the year, the tenants having been rehoused by the Council. The houses are to be demolished and offices are to be erected on the cleared site. Of the four hundred and eight houses in the 1954 Five Year Slum Clearance Programme, one hundred and sixteen are still occupied and should be dealt with as early as possible. Of the twenty-five dwellings for aged persons started during the year six bungalows and eight flats were completed and occupied. The remaining five bungalows and six flats will be completed early in 1964. Each of these dwellings has been or will be occupied by persons who occupy a family dwelling. The release of these larger houses is very useful in helping to reduce the number of families on the waiting list. During the year sixty-two dwellings became available for letting and the tenancies were allocated thus:—

applicants from the normal waiting list	33
aged or sick persons	7
families displaced from unfit houses	20
service tenancies	2
	—
	62
	—

One hundred and twenty-four of the dwellings in the Old Goole Clearance Area have already been demolished and the

remainder will be demolished when the tenants are rehoused. The twenty-two dwellings in Vermuyden Terrace have been declared a Clearance Area and provision has been made for rehousing the displaced families in the dwellings now being built in Old Goole.

Except in the instance of choked drains, which cause immediate inconvenience and of rats which inspire fear, the number of complaints regarding disrepair become less each year. This cannot be because there is less to complain about as disrepair in abundance can be seen wherever one goes. I can only assume that where an owner has not increased the rent when he is entitled to do so the tenants would rather suffer the inconvenience of disrepair than risk having to pay an increased rent.

IMPROVEMENT GRANTS.

During the year 74 applications were made for discretionary grants and 69 schemes were given final approval. Two applications were disapproved and one was withdrawn. The remainder were awaiting decisions at the close of the year. Two large family houses were converted into five self-contained flats. In two instances the unoccupied rooms over business premises were converted into useful flats. 17 applications were made for standard grants and 16 grants were made. Except for the flats mentioned above all the discretionary grants were for the provision of bathrooms and incidental works. The standard grants were for the provision of internal waterclosets 16, baths 3, washbasins 3, hot water 3, pantry 1.

SUMMARY.

Total applications for discretionary grants	...	74
Schemes fully approved and grants made	...	69
Schemes awaiting final approval	...	8
Applications refused	...	2
Applications withdrawn	...	1
Total cost of the 69 approved schemes	...	£27,381
Total of grants made for 69 schemes	...	£12,863
Average cost of the 69 schemes	...	£ 396 16 0
Average grant made to the 69 applicants	...	£ 196 11 0
Cost of most expensive scheme	...	£ 2,358
Cost of most expensive scheme excluding flats	...	£ 800
Cost of least expensive scheme	...	£ 135
Highest grant made	...	£ 1,113
Highest grant excluding flats	...	£ 400
Lowest grant made	...	£ 67

The scheme is well publicised, every encouragement and assistance is given to applicants and applications are dealt with expeditiously. If the applicant co-operates by depositing plans, applications forms and estimates as requested he can generally obtain final approval to his scheme within the Council's monthly administrative cycle. A close liaison is maintained with architects, builders, solicitors and building societies and where the security is available the Council will loan the money to applicants who wish to improve their houses. The rate at which applications are made and are given approval is not unsatisfactory having regard to the available building labour in the district. There remain about 1,230 houses capable

of being improved and at the present rate of progress this will take about fifteen years.

A man died at the address where he was living with his relatives who would not accept responsibility for his burial and this was arranged and paid for by the local authority.

A woman aged 82, with whom her son was living, was found in a state of coma. I summoned the deputy medical officer of health who arranged for her removal to hospital where she died.

PASTURE ROAD SCHOOL.

The first phase of the improvements at the school including new inside conveniences has been completed and the old conveniences in the school yard adjoining Centenary Road have been demolished.

ICE CREAM.

34 samples were examined and results were thus:—

Grade I 29; Grade II 3; Grade III 0; Grade IV 2.

SWIMMING BATH.

During the year 10 samples of water were taken from the swimming pool and submitted for bacteriological examination. They were all satisfactory.

PUBLIC WATER SUPPLIES.

The whole of the water supply consumed in the Borough is provided by the Goole and Pontefract Water Board. The supply is plentiful and of a good quality. During the year 6 samples were taken for bacteriological examination and all of them proved satisfactory. 1 sample was taken for chemical analysis the report upon it being as follows:—

Appearance,	clear and colourless.
Suspended matter	none.
Odour,	none.
Reaction, pH	7.7
	Parts per Million.
Ammoniacal Nitrogen, as N	none.
Albuminoid Nitrogen, as N	0.01
Oxygen absorbed (4 hours at 28°C), as O	0.15
Nitrites	none.
Metals, Pb, Fe, etc.	none.
Residual chlorine, as Cl	none.
Total hardness, as CaCO ₃	155
Chlorides, as Cl	23

These results are satisfactory.

Yours faithfully,

R. T. HUNTER,

Public Analyst.

REGISTERED PREMISES.

The following new registrations have taken place during the year:—

- Pet Shops — White & Carter, 15 Boothferry Road, Goole.
Harold Mitchell, 5 The Arcade, Goole.
- Hairdressing Saloons — Christine Hughes, 44 Carlisle St., Goole.
C. K. Simpson, 25 Boothferry Road, Goole.
Muriel Watson, 36 Pasture Road, Goole.
- Ice Cream Premises — Horace Burkitt, 62 Percy Street, Goole.
J. M. Clare, 138 Pasture Road, Goole.
Goole Co-op Society, Boothferry Road, Goole.
- Food Hawkers — G. Broadhead, 89 Weatherill Street, Goole
T. L. Taylor, River View, Reedness.

SMOKE ABATEMENT

ATMOSPHERIC POLLUTION RECORD — 1963

**SMOKE FILTER AND VOLUMETRIC SULPHUR DIOXIDE
APPARATUS**

The measuring apparatus is fitted in the Health Department Office, Stanhope Street, Goole. During each period of 24 hours not less than 60 cubic feet of air from outside the building is drawn, by means of a small electric pump through a piece of white filter paper and then through two bubbling tubes containing diluted hydrogen peroxide. Smoke particles are trapped on the filter paper and form a stain which varies according to the amount of tarry matter and other combustible matter in the smoke suspended in the atmosphere. By using a smoke stain reflectometer and conversion tables the weight of material filtered from the atmosphere is calculated. The amount is expressed in microgrammes of smoke particles per cubic metre of air (28.349 grammes = 1 ounce; 1 microgramme = 1 millionth of a gramme; 1 cubic metre — 35.317 cubic feet.

Sulphur dioxide in the air reacts with the hydrogen peroxide to form dilute sulphuric acid and the amount of this is estimated daily by titration with standard alkali. From this the amount of sulphur dioxide in microgrammes per cubic metre of air is calculated.

1963.	SMOKE.		SULPHUR DIOXIDE.	
	Microgrammes per cubic metre.		Microgrammes per cubic metre.	
	Monthly Average.	Highest Daily Reading.	Monthly Average.	Highest Daily Reading.
January	... 320	780	216	591
February	... 241	392	168	303
March	... 158	400	140	169
April	... 119	296	92	128
May	... 76	156	79	100
June	... 39	64	55	94
July	... 49	88	52	110
August	... 52	124	51	89
September	... 73	164	77	122
October	... 130	424	90	141
November	... 128	280	103	136
December	... 232	348	160	246

RODENT CONTROL.

One hundred and four complaints of rat infestation and eight of mice infestation were received during the year. Treatment of all infested premises is carried out free by the Council's Rodent Operative who made 1,321 visits as the result of complaints and routine surveys of property and allotments owned by the Council.

In addition 82 visits were paid by the Public Health Inspectors. During the year test baiting of the sewers was carried out and as in previous years the results showed that there is but little evidence of rat infestation of the sewerage system.

Regular visits were paid to the Council's refuse tip at Airmyn Wood. It is fair to say that the tip is in better condition than for a number of years and this improvement together with a system of permanent baiting points has done much to reduce the rat population at the tip to a number with which the rodent operative can reasonably deal.

TYPES OF VISITS, INSPECTIONS, SAMPLING, ETC.

(including primary and subsequent visits).

Houses inspected for:—

Nuisances	...	...	...	...	129
Dirty Conditions	...	...	...	...	17
Bug infested	...	...	...	...	2
Beetles	...	...	...	...	14
Overcrowding	...	...	...	...	6
Structural defects or disrepair	...	...	...	...	474
Housing Consolidated Regulations	...	...	...	...	20
Common courts, yards or passages	...	...	...	...	10
Re. infectious diseases	...	...	...	...	40
Drains, opened up	...	...	...	...	69
„ smoke tested	...	...	...	...	11
„ colour tested	...	...	...	...	6
Re. Improvement Grants	...	...	...	...	277
Council houses, routine inspections, reverifying applications, etc.	...	...	...	...	930
Census for slum clearance purposes	...	...	...	...	153

Food Premises:—

Public slaughterhouse	...	...	...	...	692
Meat shops and making-up rooms	...	...	...	...	74
Bakehouses	...	...	...	...	36
Grocery, provision and general-dealers shops	...	...	...	...	148
Fried fish and chip shops	...	...	...	...	33
Hotel, cafe and school kitchens	...	...	...	...	74
Licensed premises, hotels, inns and clubs	...	...	...	...	29
Markets	...	...	...	...	116
Hawkers vehicles	...	...	...	...	4
Other food premises	...	...	...	...	53
Dairies	...	...	...	...	4
Ice cream factories, shops and stalls	...	...	...	...	57
Ice cream samples for bacteriological examination	...	...	...	...	34
Drinking water for bacteriological examination	...	...	...	...	6
Drinking water for chemical analysis	...	...	...	...	1
Swimming bath water for bacteriological examination	...	...	...	...	10

Miscellaneous:—

Shops for the purposes of the Shops Act	...	...	189
Shops for the purposes of health and comfort of employees	...	...	155
Factories where motive power is used	...	...	43
Factories where motive power is not used	...	...	41
Outworkers	...	...	3
Rat infestations	...	...	80
Mice infestations	...	...	2
Hairdressing saloons	...	...	24
Schools	...	...	17
Public conveniences	...	...	9
Allotments	...	...	14
Stables or manure pits	...	...	2
Pig styres and poultry houses	...	...	6
Refuse tips and accumulations of refuse	...	...	39
Interviews with owners, agents, builders, etc.	...	...	219
Unclassified visits	...	...	216
Inspections where notices are in force	...	...	499
Inspections where works are in progress	...	...	359
Test baiting of sewers	...	...	92
Checking same	...	...	90
			<hr/> 5,628

COMPLAINTS RECEIVED 1963.

Disrepair, extensive	...	...	...	...	39
do, minor	...	...	...	...	72
Dampness	...	...	...	...	3
Drains, choked or defective	...	...	...	...	54
Dustbins defective	...	...	...	...	11
Flooding	...	...	...	...	1
Gas escape	...	...	...	...	1
Refuse accumulations	...	...	...	...	11
Dirty houses	...	...	...	...	7
Waste land, misuse	...	...	...	...	1
Noise	...	...	...	...	5
Rowdy conduct	...	...	...	...	1
Infestations, rats	...	...	...	...	104
mice	...	...	...	...	8
beetles	...	...	...	...	2
ants	...	...	...	...	1
bugs	...	...	...	...	2
fleas	...	...	...	...	1
Nuisances, dogs	...	...	...	...	1
birds	...	...	...	...	2
pigs	...	...	...	...	1
					<hr/>
					331

How Complaints were dealt with:—

Notices or letters to persons responsible	...	...	145
Direct action or treatment within the department	...	...	148
Advice given	...	...	12
Complaints referred to other departments	...	...	16
No action necessary	...	...	10
			<hr/> 331

NUMBER AND TYPES OF NOTICES SERVED AND COMPLIED WITH

Type of Notices.	Outstanding 1.1.63	Served, 1963	Total for 1963	Complied, 1963	Outstanding 31.12.63
Informal Notices ...	51	125	176	113	63
Statutory Notices:—					
Public Health Act, 1936					
Section 93 ...	—	4	4	3	1
Housing Act, 1957					
Section 9 ...	11	24	35	16	19
W.R.C.C. (G.P.) Act,					
1951, Section 53 ...	1	36	37	37	0
Food & Drugs Act ...	5	5	10	6	4
Factories Act ...	2	3	5	4	1
	70	197	267	179	88

HOUSING DEFECTS REMEDIED FOLLOWING THE SERVICE OF NOTICES.

Chimney pots relaunches	...	...	...	2
Chimney-stacks rebuilt	...	...	...	2
Roofs reslated	...	...	...	31
Eaves gutters renewed, repaired or cleansed	...	...	...	12
Fallpipes renewed, repaired or cleansed	...	...	...	4
Windows renewed or repaired	...	...	...	7
Windows reglazed	...	...	...	3
Windows reputtied	...	...	...	5
Windows, reveals repointed	...	...	...	4
Doors (external) renewed or repaired	...	...	...	6
Doors (external) new thresholds	...	...	...	3
Doors (external) new weatherboards	...	...	...	4
Doors (external) reveals repointed	...	...	...	6
Walls (main) brickwork repointed	...	...	...	6
Walls (main) damp courses inserted	...	...	...	1
Walls (fence or boundary) rebuilt	...	...	...	11
Walls (fence or boundary) repaired	...	...	...	1
Walls (fence or boundary) repointed	...	...	...	1
Gates (yard) renewed or repaired	...	...	...	1
Yard surfaces relaid	...	...	...	1
Yard surfaces repaired	...	...	...	3
Drains repaired	...	...	...	3
Drains cleansed	...	...	...	42
Drain inspection chamber covers renewed	...	...	...	3
Drain inspection chambers rebuilt	...	...	...	1

OUTBUILDINGS.

Roofs reslated	...	...	...	...	2
Roofs repaired	...	...	...	...	6
Walls rebuilt	...	...	...	...	1

Walls repaired	...	...	...	...	3
Walls repointed	...	...	...	...	4
Doors renewed or repaired	...	...	...	...	11

WATERCLOSETS.

Cisterns repaired or renewed	...	...	...	...	12
Flushpipes rejoined	...	...	...	...	4
Basins renewed	...	...	...	...	12
Seats renewed	...	...	...	...	1
Service pipes repaired	...	...	...	...	51

INTERNAL.

Dampness remedied	...	...	...	...	4
Ceilings renewed or repaired	...	...	...	...	9
Walls replastered	...	...	...	...	11
Doors repaired	...	...	...	...	7
Floors relaid or repaired	...	...	...	...	13
Cooking ranges renewed or repaired	...	...	...	...	4
Fireplaces renewed or repaired	...	...	...	...	5
Windowcords renewed	...	...	...	...	9
Sinks renewed	...	...	...	...	1
Sink wastepipes renewed or repaired	...	...	...	...	5
Handrails fixed or repaired	...	...	...	...	2
Dustbins provided	...	...	...	...	12
Dirty houses cleansed	...	...	...	...	3
Accumulations of refuse removed	...	...	...	...	3
School conveniences repaired	...	...	...	...	2

CATTLE MARKET

Monthly Totals of animals which passed through the above Market during 1963.

Month.	Beasts	Sheep	Pigs	Calves
January	... 280	124	226	—
February	... 302	99	233	1
March	... 369	115	212	—
April	... 576	53	257	—
May	... 419	96	206	—
June	... 274	198	182	—
July	... 346	438	246	—
August	... 229	410	142	3
September	... 299	642	196	1
October	... 237	452	179	4
November	... 261	338	157	1
December	... 255	300	362	—
Total	3,847	3,265	2,598	10

SLAUGHTERHOUSE

1963

		Steers	Heifers	Cows and Bulls	Calves	Sheep and Lambs	Rams and Ewes	Pigs	Sows and Boars	Totals
January	...	159	38	—	—	252	2	574	21	1,046
February	...	123	48	—	1	158	1	527	14	881
March	...	144	46	—	—	138	—	538	9	875
April	...	193	49	—	—	118	—	595	13	968
May	...	183	44	1	—	120	—	526	10	884
June	...	147	32	1	—	175	—	382	10	747
July	...	164	67	—	—	349	—	472	9	1,061
August	...	108	68	—	3	349	—	436	8	972
September	...	161	48	—	2	481	1	557	15	1,265
October	...	142	56	2	3	380	—	575	14	1,172
November	...	125	57	—	2	282	—	608	11	1,085
December	...	110	59	—	—	282	—	840	27	1,318
Total 1963	...	1,768	612	4	11	3,084	4	6,630	161	12,274

CARCASES INSPECTED AND CONDEMNED

		Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed if known	...	2384	—	11	3088	6791
Number inspected	...	2384	—	11	3088	6791
All diseases except tuber- culosis and cysticerei.						
Whole carcasses condemned...		—	—	1	2	6
Carcases of which some part or organ was condemned	...	228	—	1	36	325
Percentage of the number in- spected affected with disease other than tuberculosis	...	9.5	—	18.2	1.23	4.7
Tuberculosis only :						
Whole carcasses condemned	...	—	—	—	—	—
Carcases of which some part or organ was condemned	...	2	—	—	—	10
Percentage of the number inspected affected with tuberculosis	...	0.08	—	—	—	0.14
Cysticercosis:						
Carcases of which some part or organ was condemned	...	3				
Carcases treated by refrigeration	...	3				

CONDEMNED MEAT

Tuberculosis:

Beasts:—1 head and tongue; 1 lungs.

Pigs:— 10 heads and tongues.

Other Conditions:—

Beasts:—3 heads and tongues — actinomycosis; 3 heads and tongues — cysticercus bovis; 7 lungs — pleurisy; 3 lungs — cysts; 2 lungs — abscesses; 13 livers — flukes; 42 livers — abscesses; 3 livers — angioma; 2 livers — cirrhosis; 142 part livers — flukes; 2 kidneys — abscesses.

Calves:—1 carcase — immature; 1 lungs — pneumonia.

Pigs:— 186 lungs — pneumonia; 48 lungs — pleurisy; 27 lungs — congested; 74 hearts — pericarditis; 13 livers — cirrhosis; 1 liver — degeneration; 6 livers — parasites; 6 plucks — inflammation; 137 lbs. pork — bruising; 2 full carcasses — nephritis; 1 full carcase — moribund; 1 full carcase — bruising; 2 full carcasses — badly bled.

Sheep:— 1 full carcase — arthritis; 1 full carcase — emaciated; 13 lungs — parasites; 18 lungs — pneumonia; 13 lbs. mutton — bruising.

ANIMALS FOUND TO BE DISEASED.

	Beasts.	Calves.	Pigs.	Sheep.
Tuberculosis	... 2	—	10	—
Other Conditions	... 228	2	331	38

METEOROLOGY.

RAINFALL AND SHADE TEMPERATURES RECORDED AT GOOLE IN THE COUNTY OF YORK.

1963

Rain Gauge :—Diameter of funnel at top. 5 inches.
 Height above ground at top. 1 foot.
 Height of ground above M.S.L. 18 feet.

(Mr. T. H. Hunter of the British Transport Docks Board, Goole, has furnished me with the following particulars).

		Rainfall.		Temperatures.		
				Degrees Fahrenheit		
		No. of days with .01" or more recorded.	Greatest fall in 24 hours.	Max. Reading during month.	Min. Reading during month.	Mean Monthly Temp.
Month.	Ins.	Days.	Ins.	Deg.	Deg.	Deg.
January	... 1.20	17	.31	39	15	31.10
February	... 1.05	9	.30	41	22	31.93
March	... 1.78	13	.37	62	30	43.13
April	... 1.96	19	.26	64	34	47.37
May	... 1.09	17	.25	71	40	52.29
June	... 3.48	19	1.19	77	46	59.80
July	... 1.18	13	.21	78	50	61.27
August	... 3.58	16	1.28	76	49	58.30
September	... 1.67	10	.58	75	43	56.90
October	... 1.48	14	.34	62	42	51.42
November	... 3.32	25	.51	54	32	45.4
December65	15	.06	48	24	37.65

Average rainfall for last 50 years = 24.74 ins.

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